

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
96-00099-00-BR	DUPAGE	62	45	
STA. 13+25.00	TO STA. 16+55.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET S14 OF S22  
Contract 83664

GENERAL NOTES

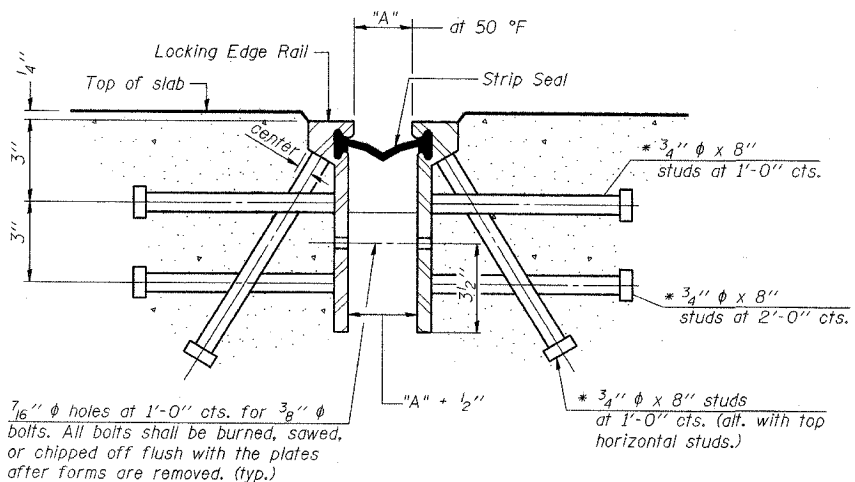
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails.

The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.

Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

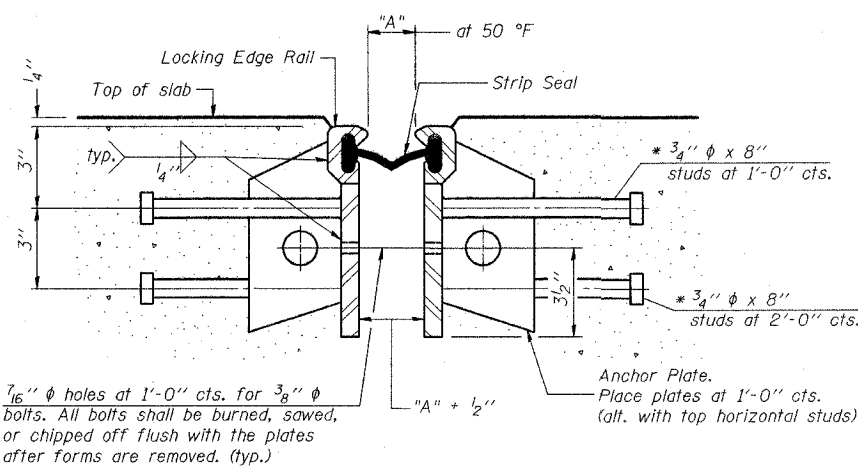
The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a preformed joint seal. If the contractor elects to use the alternate strip seal joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

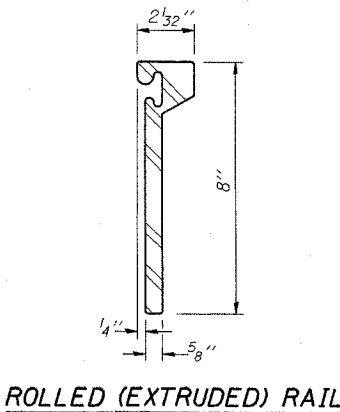


SECTION THRU ROLLED RAIL EXP. JOINT  
(248 Studs Required)

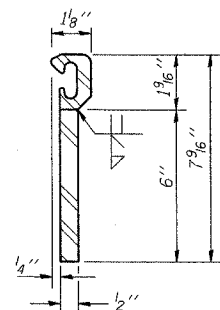
\* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



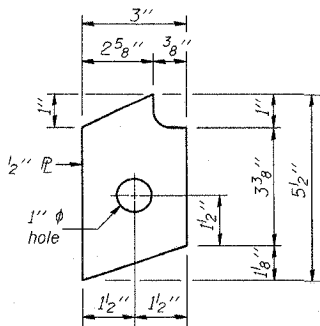
SECTION THRU WELDED RAIL EXP. JOINT  
(152 Studs Required)  
(96 Anchor Plates Required)



ROLLED (EXTRUDED) RAIL

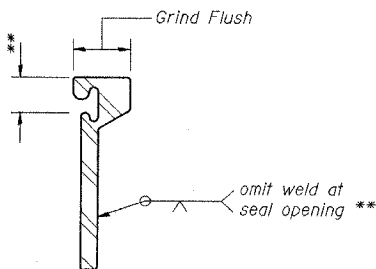


WELDED RAIL



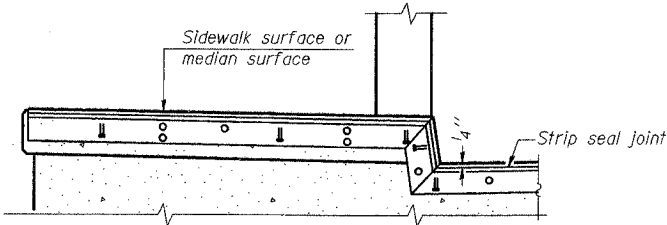
ANCHOR PLATE  
(for welded rail)

LOCKING EDGE RAILS



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.



AT SIDEWALK OR MEDIAN\*

\* Shorter plates with a single row of studs at 12" centers may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

TYPICAL END TREATMENTS

BRIDGE JOINT SYSTEM - EXPANSION  
(ALTERNATE-STRIP SEAL)

(Sheet 2 of 2)

REVISIONS	NAME	DATE

CITY OF NAPERVILLE  
BRIDGE JOINT SYSTEM - EXPANSION  
(ALTERNATE - STRIP SEAL)  
MAIN STREET BRIDGE OVER  
WEST BRANCH DUPAGE RIVER  
STRUCTURE NO. 022-6755 - STA. 15+00.00

SCALE:                      DRAWN BY JHR  
DATE JULY 9, 2004                      CHECKED BY SCD